

Date: Fri, 11 Nov 94 04:30:39 PST
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: List
Subject: Ham-Equip Digest V94 #412
To: Ham-Equip

Ham-Equip Digest Fri, 11 Nov 94 Volume 94 : Issue 412

Today's Topics:

 Conversion of Commercial Radios
 DAIWA PS-140IIa power supply
 Heathkit Parts
 HF amplifier
 Li coin batteries in ICOM transceiver (2 msgs)
 looking for RigControlSoftware (TS 690)
 Manual for Kenwood TH-26AT
 More then 80 Memory-Channels on TH-79E?
 Need drawing or manual for KLM 2m Amp
 need info on unknown Hallicrafters receiver
 New Ham acquires Swan 420 "All-band" XCVR, wants info
 Power supply for Drake TR7
 TE Systems amplifiers
 Tuner for Kenwood TS-830
 WANTED: TNC
 Yaseu 751A

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 9 Nov 1994 18:46:13 GMT
From: JMAIO@P05.dasd.honeywell.com
Subject: Conversion of Commercial Radios

>
>If you don't want to do a lot of work on these radios look for the
>Goverment versions of these radios. All you have to do is pop in a new

>set of crystals and tune it up. It's possible to take a police radio
>(151 to 161 Range Radio) down from 155 to 146 but why bother when there
>are 136 to 151 range Government radios available. These radios are
>moseley Military as the other government services are 161 and up.

Are you the same Ron Cole that ran SAFBBS in Santa Fe?

John Maio, WB2ARS

Reply to jmaio@swcp.com

Date: Thu, 10 Nov 94 02:15:52 GMT
From: jangus@skyld.grendel.com (Jeffrey D. Angus)
Subject: DAIWA PS-140IIa power supply

In article <39e8e4\$bfi@charm.magnus.acs.ohio-state.edu> sbertsch@magnus.acs.ohio-state.edu writes:

> Does anyone know if this supply has crowbar overvoltage protection? I looked
> at one at Universal Radio, and the thing doesn't come with a schematic, and
> the documentation is useless.
>
> For those who don't know, this supply is rated 12A continuous/14A ICAS, and
> costs \$15 less than the Astron 9/12A supply.

As the ex-service manager of Diawa when it was out here on the west coast,
all I can say is, "Get the Astron".

The over voltage crowbar that Diawa had was on their 35 amp models, and it
was nothing more than a voltage sensitive circuit that connected a relay
contact across the AC input line. That's right, I didn't type that in wrong.

I had a supply lose regulation on the bench in the shop and after the smoke
cleared, I found most of the traces on the "protection" board missing.

Diawa power supplies have a nice chassis, heatsink and rubber feet, but
you would be better off to throw the circuitry away and buy a regulator
board from Astron and install it in the cabinet.

I still have my 12 Amp model. And I use it for a test supply, but it has
a 15 volt crowbar made by Lamda connected across the output.

73 es GE from Jeff

--

"1935 will go down in history. For the first time, a civilized nation has

full gun registration. Our streets will be safer, our police more efficient, and the world will follow our lead into the future." - Adolf Hitler

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

Date: 10 Nov 1994 14:25:18 GMT
From: pegasus!ind00547 (James I. Montgomery)
Subject: Heathkit Parts

Is it still possible to get replacement parts for older Heathkit ham radios? I have a SB-101 that needs several replacement transformers. Does anyone have a number for Heathkit or any firms that would have replacement parts?

Date: Thu, 10 Nov 94 10:17:46 -0500
From: brunelli_pc@delphi.com
Subject: HF amplifier

John Unger <junger@rsg1.er.usgs.gov> writes:

>I have been thinking about about getting a 5-watt QRP rig both for
>use as a QRP rig (naturally...) and also as a backup for my standard
>HF rig. For use as a backup rig, I would like to buy or preferably
>build a solid-state HF amplifier that would take the 5-watt QRP
>rig and give it something like 100 watts out. I would suspect that
>this would be a rather common desire, but I can't seem to find such
>a beast described in the Handbook or for sale in any of the catalogs

John,

Check out W1FB's QRP Notebook for the QRP linear projects. You may not get 100W out but it will give you a nice boost to 30W or so. Also, check out the PA deck on older ten-tec's like the triton or century. They use low drive and pump out 50-100W from a push-pull transistor pair.

GL OM
pete, n1qdq

Date: Thu, 10 Nov 1994 14:53:47 GMT

From: gthorbur@ub.com
Subject: Li coin batteries in ICOM tranceiver

My ICOM 725 evidently has a soldered-in coin Lithium backup battery. The manual says it should be replaced by the service center. Looks easy enough to me, but I know some ICOM products run into major memory problems when the backup voltage goes away.

Should I wire a parallel 3v battery to the circuit while I am replacing this? Or is the issue static discharge thru the soldering iron?

/***
Gary W. Thorburn gthorbur@ub.com KD1TE
***/

Date: 10 Nov 1994 12:49:06 -0800
From: pacpp@pnw.net (Ken Jeffcoat)
Subject: Li coin batteries in ICOM tranceiver

In article <Cz241o.FJL@pippen.ub.com>, <gthorbur@ub.com> wrote:
>My ICOM 725 evidently has a soldered-in coin Lithium backup battery.
>The manual says it should be replaced by the service center. Looks
-snip-

Gary:

I have replaced both Li coin cells in my Icom 751 and R71A using the parallel method, just to make sure I didn't lose anything. I'm not sure how sensitive it is and I don't recall any caps in the circuit that might hold it up for a bit. Not sure about your 725 though, it may be quite different. 2.7 to 2.8 V is a good indicator that the battery is on it's way out.

I always use a grounded tip iron for safety, but think you'll be ok if you use some good static precautions.

Good luck.

Ken

--

Date: 11 Nov 94 08:14:24 GMT
From: heis1633@mailszrz.zrz.tu-berlin.d400.DE ((Wolfgang Heise))
Subject: looking for RigControlSoftware (TS 690)

Hello all es tn timer reading this,

I am looking for suitable software to control my new TS 690 trimer by IBM-PC.
Is there someone who has got a hint where I can find goot shareware I would
be pleased.

tn timer in advance es 73 de Wolfgang - DL7VWH

Wolfgang Heise - VOICE: ##49-30-31425672 - FAX: ..-31426797
Technische Universitaet Berlin :-%
Institut fuer Bergbauwissenschaften, Sekr. BH 3 :/i
Str. des 17. Juni 135, 10623 Berlin, Germany ||*(
possible on hamradio/packetradio too by DL7VWH@db0gr.bln.deu.eu

Date: 10 Nov 94 14:41:37 -0500
From: gassew@txpcap.hou.xwh.bp.com (Edward W. Gass)
Subject: Manual for Kenwood TH-26AT

WTB an instruction manual (not the detailed "service
manual") for a Kenwood TH-26AT 2 meter HT. If you
don't want to part with the manual, what I really need
is a copy of the parts dealing with the controls -- what
the buttons do when pressed in what sequence. And
what the A, B, C, and D on the DTMF pad do; what the
"tone" indicator really means, etc. A Xerox copy would
be sufficient.

Please reply to gassew@txpcap.hou.bp.com or FAX to 713-
560-4296 or snail-mail to

Ed Gass, K5INZ
11006 Lakeside Forest Lane
Houston, TX 77042

73's

Ed

Date: 10 Nov 1994 08:49:45 -0500
From: "J.A. Geist K04ER" <geist@gcr.com>
Subject: More than 80 Memory-Channels on TH-79E?

protzekz@trick.informatik.uni-stuttgart.de (Karl-Heinz Protzer) writes:

>I found 4 more memories on my TH-79E. If you want to store a frequency, you
>press "f" then turn the ENC. If you turn over the channel 79, there are four
>more, named "L1", "U1", "L2" and "U2". I didn't find anything about it in
>the instructions. Any suggestions? Are these special stores?

Those are programmable limits for vfo scan. Set the lower limit
frequency you wish to scan in L1, and the highest freq range in U1.

I'm not sure the U1 U2 L1 L2 positions store offsets and other info,
but I guess you could at least use them for simplex memories.

73 de Jim

```
--  
/-----/-----/  
/      geist@gcr.com      /      This post 100%  
/ packet: ko4er@wa3tai.md.usa.na /      content free. Really!  
/-----/-----/
```

Date: Thu, 10 Nov 1994 11:50:58 GMT
From: blake@pt5000.pto.ford.com (Michael Blake)
Subject: Need drawing or manual for KLM 2m Amp

I am looking (on behalf of a friend, WQ8S) for a drawing or service manual for
a KLM PA-15-160BA 2 meter amp. If anyone knows a source for these or has one
they could copy or sell please mail me.

TNX es 73 de N4IZO Mike Blake

```
+-----+  
| Disclaimer: |  
| Opinions stated above are my own and do |  
| not reflect those of Wayne State Univ., |  
| Ford motor company, or any other |  
| organization. |  
| |  
| Mike Blake  blake@chaos.eng.wayne.edu |  
|              blake@pt5000.pto.ford.com |  
|              ad927@detroit.freenet.org |  
|              n4izo@hamgate.cc.wayne.edu |  
| Packet      n4izo@wsu.n8fow.ampr.org |  
| |
```

+-----+

Date: 10 Nov 94 15:50:48 -0500
From: cornelius@eisner.decus.org (George Cornelius)
Subject: need info on unknown Hallicrafters receiver

A friend of mine purchased a Hallicrafters shortwave receiver at a swap meet and needs to know what model number it is. There does not seem to be a model number on the radio, and not only is there no tube placement diagram, but the tubes that were in it are obviously not the right ones.

It is a relatively small table-top receiver, perhaps 12" wide and 8" high, with a large slide-rule dial. The tubes are octal-based, and it is a transformerless, "AC-DC" design. Looks like 35Z5 and 50L6 are supposed to be two of the tubes, although some RF/IF style metal-can tubes had been placed in those sockets instead.

Any ideas what set he has, and what tubes it will need?

Also: there's something missing underneath. Looks like it might be an antenna coil or oscillator coil - wires were clipped coming from the band switch, and one of the brackets remains with a small piece of what might have been a small coil form. I suppose he will have to wind a new coil from scratch if that is what it is, so if anyone has a matching set that we can get dimensions from, it would be very helpful.

He could also use a circuit diagram for it if you happen to have one.

Thanks in advance for anything you come up with!

--

George Cornelius cornelius@eisner.decus.org
WB0RRB cornelius@mayo.edu

Date: Thu, 10 Nov 1994 08:17:02
From: alan@thepoint.com (Alan B. Canon)
Subject: New Ham acquires Swan 420 "All-band" XCVR, wants info

I was visiting in Chicago two weeks ago and dropped \$20 on a non-functional Swan 420 HF rig. I popped the cover on the power supply last night and found a blown 10-A fuse. I hope to replace the fuse today to see if the power supply works.

Can anyone tell me anything about this radio? It has a BFO in a separate

cabinet. I am really looking forward to finally using my Technician Plus HF privileges!

Date: 10 Nov 94 15:39:56 GMT
From: UD044485@VM1.NODAK.EDU (John A. Williams)
Subject: Power supply for Drake TR7

A friend has a Drake TR7 for sale. However, he used it strictly mobile so he has no power supply to go with it. Besides looking for the PS7 power supply that matches the tcvr does anyone have any recommendations? Also any ideas on a fair price for this 15 year-old rig?

John A. Williams
KB0?

Date: Thu, 10 Nov 1994 22:01:46 GMT
From: sem2r@galen.med.Virginia.EDU (Stacey E. Mills)
Subject: TE Systems amplifiers

I just ordered a TE systems linear amp (25 watts in / 175 watts out at 440 MHz). The company came highly recommended from several sources. On the phone the people were an absolute joy to work with, helping to determine my needs, very knowledgeable, friendly, etc. Not like many companies with untrained personnel who could care less whether you deal with them or not. On the basis of my interaction with the company, plus comments of others, I cancelled my order for a Mirage amp and went with them. So far, at least, I am very impressed.

'73's / WB4QKT

Date: Wed, 09 Nov 1994 08:12:04 +0600
From: Troyce@bio.tamu.edu (Troyce)
Subject: Tuner for Kenwood TS-830

Is there an automatic tuner that works with the Kenwood TS-830? I'm about giving up on my old MFJ tuner, and would love to find an automatic tuner like the ones available for new rigs.

Troyce
KC5CBI

Date: Thu, 10 Nov 1994 23:50:52 GMT
From: otutatch@postbox.acs.ohio-state.edu (Sergei Kulyov)
Subject: WANTED: TNC

Wanted TNC - MFJ-1270C or PK-12, PK-88, KPC-3.
Internal TNC also OK.

73! Sergei
AA80T

Date: 10 Nov 1994 20:33:14 GMT
From: newman@maine.maine.edu (Bryan Newman)
Subject: Yaseu 751A

I have decided to sell my HF station. It seems that I don't have the time or interest right now to keep up with the hobby. My station consists of the following items. Everything is in mint or near mint condition.

Yaseu 751A HF radio
Vibroplex keyer
MFJ 949E antenna tuner
Astron 35A power supply with meters

Asking price is \$1100 plus shipping

Please reply to newman@maine.maine.edu

End of Ham-Equip Digest V94 #412
